

CLAIMS

1. System for driving rows of a liquid crystal display characterised in that it comprises at least one module (10) for driving one single row of said liquid crystal display, said module comprising an inverter (T11-T12) operating in a supply path between a first (21) and a second (22) supply line of said system, said first supply line (21) comprising first means (S1) capable of connecting it to a first (VLCD) or to a second (VA) supply voltage and said second supply line (22) comprising second means (S2) capable of connecting it to a third (VB) or to a fourth (VSS) supply voltage, said inverter (T11-T12) being driven by a logic circuitry (11-12) and sending in output (OUT) a drive signal for one single row of said liquid crystal display.
2. System according to claim 1, characterised in that said inverter (T11-T12) is made up of a transistor PMOS and a transistor NMOS.
3. System according to claim 1, characterised in that the value of said first supply voltage (VLCD) exceeds said second supply voltage (VA), the value of said second supply voltage (VA) exceeds said third supply voltage (VB), and the value of said third supply voltage (VB) exceeds said fourth supply voltage (VSS).
4. System according to claim 1, characterised in that said first (S1) and second (S2) means are controlled by a logic signal (F) that controls respectively the connection of the first supply line (21) to said first (VLCD) or to said second (VA) supply voltage and the connection of the second supply line (22) to said third (VB) or to said fourth (VSS) supply voltage according to whether the frame is uneven or even.
5. System according to claim 4, characterised in that said logic circuitry (11-12) comprises a logic device (11) capable of supplying an additional input logic signal (A) to an elevator device capable of raising the level of said additional logic signal (A) for driving said inverter (T11-T12).